

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: LUMARK

Report Number: P1554993

Luminaire Tested: **AXCL6A-GRF**

Issue Date: 9/1/2026

Test Information

Test Method: LM-79-08
Report Number: P1554993
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-1709-271-3)
Test Lab: INNOVATION CENTER
Issue Date: 9/1/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: AXCL6A-GRF
Description: Axcent Wall Mount Luminaire , Full Cutoff, 4000K LEDs
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6471 lumens
Efficiency: N/A
Efficacy: 131.0 lumens/watt
Luminous Opening: Rectangular (W 0.75' x L: 0.29' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U2 - G1

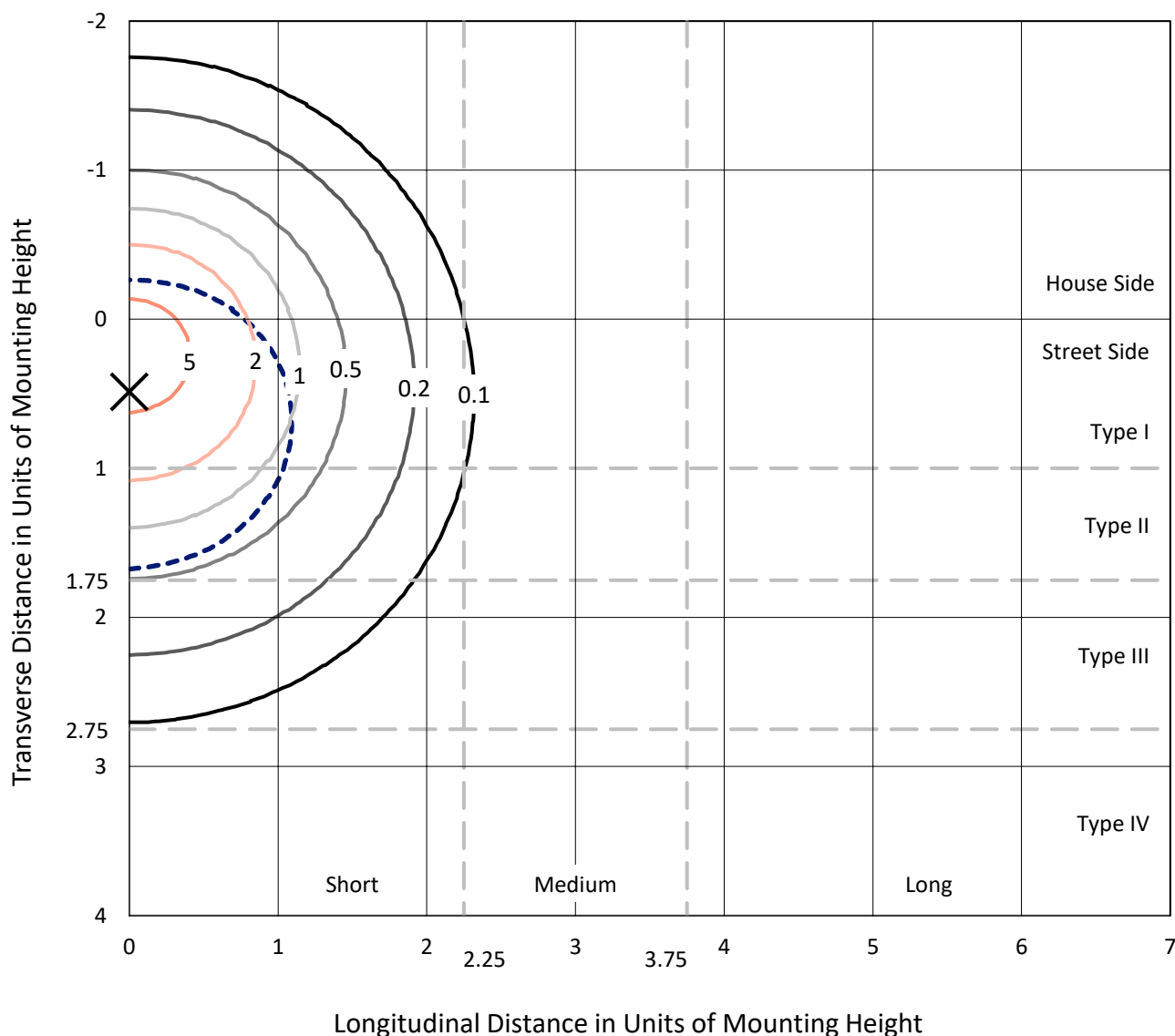
Input Watts (W): 49.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

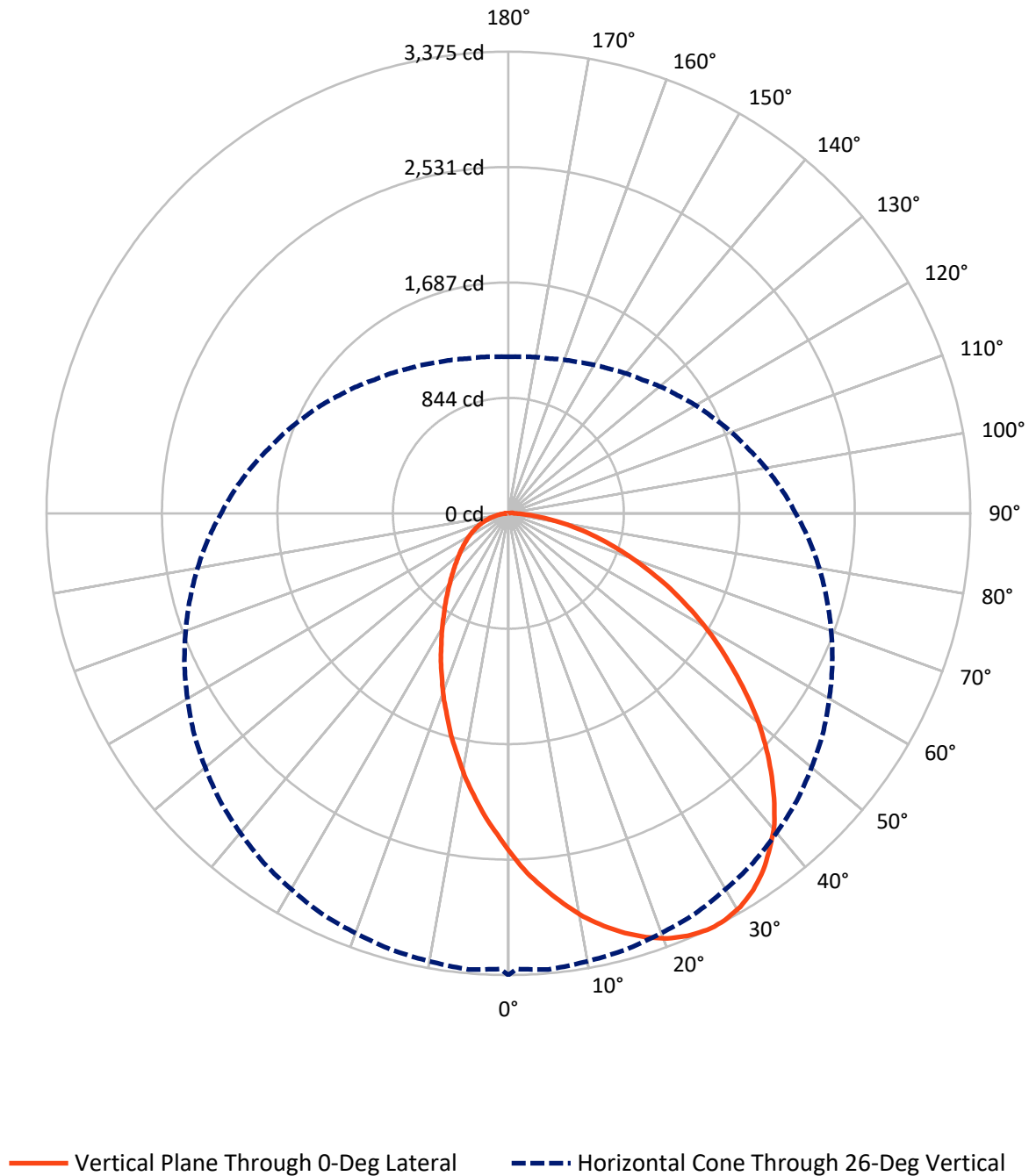


Based on 20 foot mounting height. Maximum calculated value = 7.2 fc

Type II - Short - N/A

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Luminous Intensity Polar Plot



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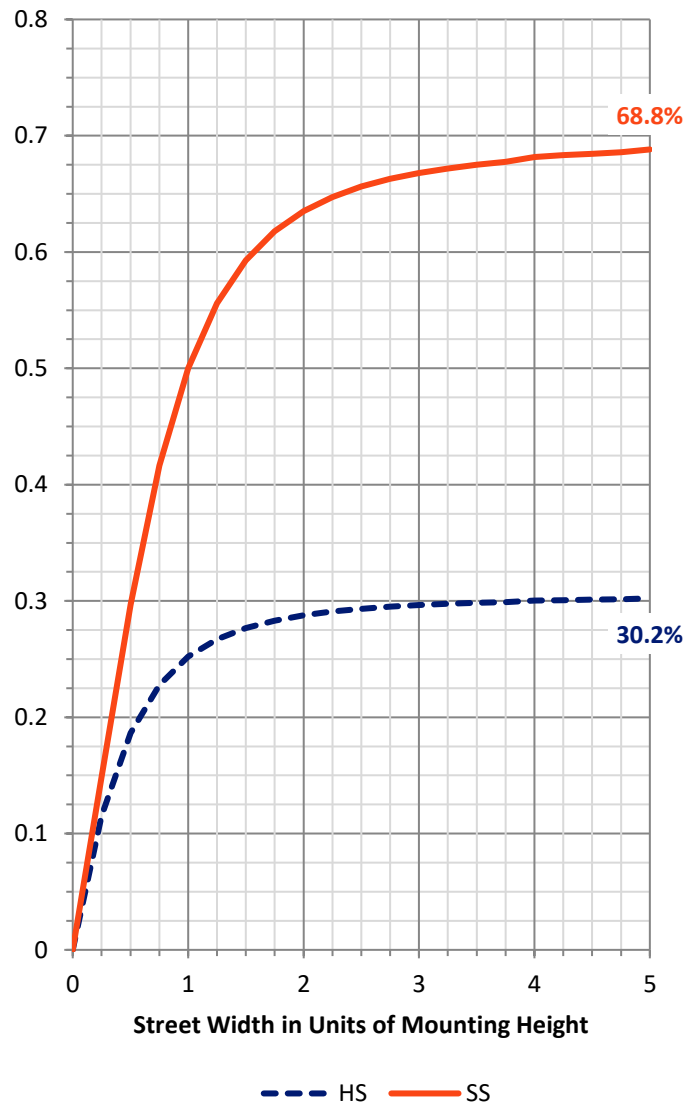
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1977.1	3.4	1980.5
	% Fixture	30.6	0.1	30.6
Street Side	Lumens	4478.9	11.6	4490.5
	% Fixture	69.2	0.2	69.4
Total	Lumens	6456.0	15.0	6471.0
	% Fixture	99.8	0.2	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.3	3.6
10°-20°	673.9	10.4
20°-30°	1013.1	15.7
30°-40°	1188.4	18.4
40°-50°	1169.6	18.1
50°-60°	987.5	15.3
60°-70°	704.8	10.9
70°-80°	382.0	5.9
80°-90°	101.3	1.6
90°-100°	15.0	0.2
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	6456.0	99.8
0°-180°	6471.0	100.0



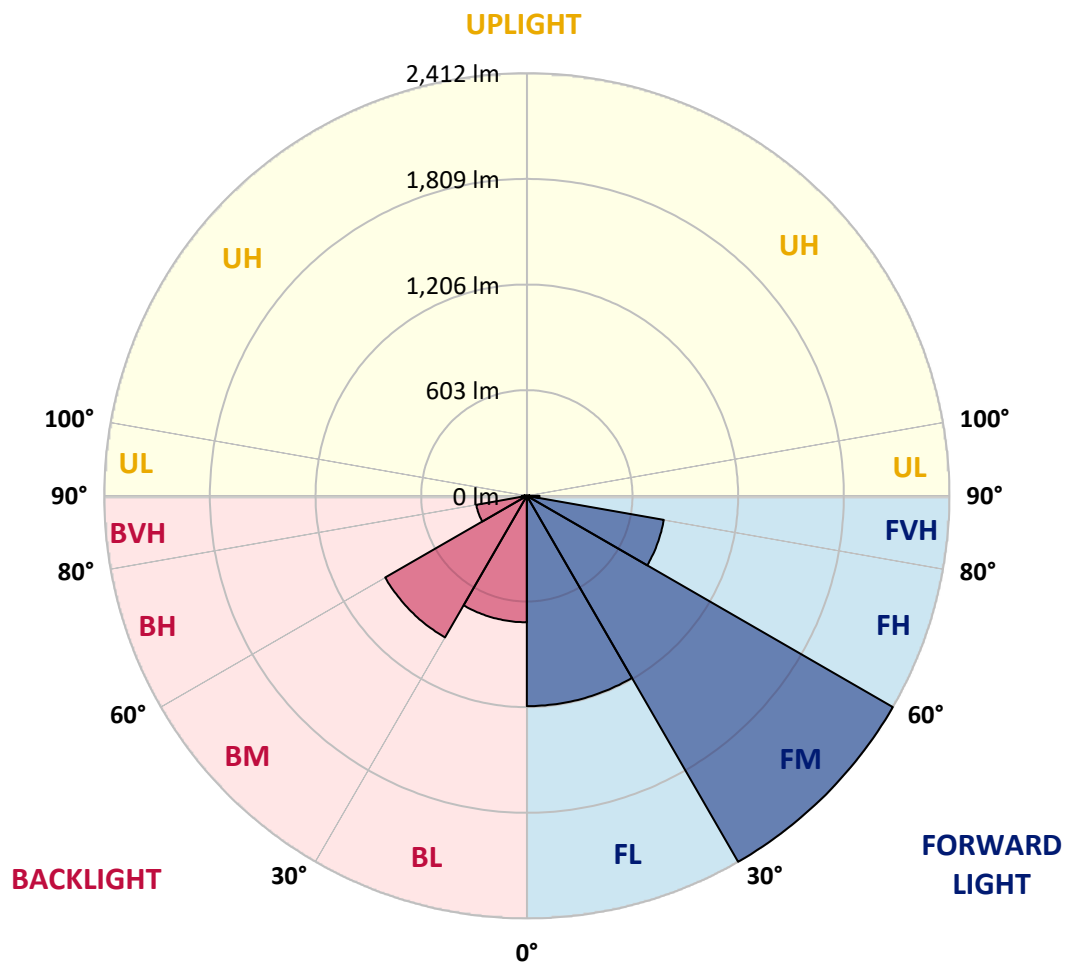
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1200.5	18.6			
FM	(30°-60°)	2412.1	37.3			
FH	(60°-80°)	793.8	12.3			G1/1800
FVH	(80°-90°)	72.6	1.1			G1/100
BL	(0°-30°)	721.9	11.2	B2/1000		
BM	(30°-60°)	933.4	14.4	B1/1000		
BH	(60°-80°)	293.1	4.5	B1/500		G1/500
BVH	(80°-90°)	28.8	0.4			G1/100
UL	(90°-100°)	15.0	0.2		U2/50	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U2-G1

Type II Short





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CANDELA DISTRIBUTION (FULL):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
0°	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1
2.5°	2634.0	2608.8	2621.8	2619.1	2605.2	2596.6	2583.6	2562.0	2543.5	2519.2	2496.2
5°	2756.4	2731.2	2743.8	2735.3	2719.5	2692.5	2663.7	2627.7	2589.0	2541.7	2497.1
7.5°	2879.3	2849.6	2861.3	2848.3	2821.7	2788.4	2742.9	2683.5	2626.3	2557.9	2490.8
10°	2995.9	2959.0	2972.1	2953.2	2918.0	2868.5	2810.0	2735.3	2655.1	2566.5	2477.3
12.5°	3095.4	3056.2	3074.7	3048.6	3006.7	2943.3	2871.2	2778.5	2677.2	2567.4	2455.7
15°	3182.3	3146.3	3161.1	3132.3	3083.3	3010.8	2919.8	2811.3	2688.5	2559.7	2426.4
17.5°	3257.0	3221.5	3237.7	3202.1	3146.3	3061.6	2957.2	2829.8	2691.2	2541.7	2389.5
20°	3317.3	3275.0	3291.7	3253.9	3192.2	3097.7	2982.4	2838.8	2681.2	2514.2	2344.1
22.5°	3353.8	3313.3	3329.1	3289.0	3220.1	3118.4	2991.0	2834.8	2661.4	2476.9	2289.1
25°	3373.6	3330.4	3345.3	3302.0	3229.1	3122.0	2984.2	2815.4	2629.5	2431.4	2231.5
26°	3374.5	3330.4	3346.6	3302.5	3228.2	3117.9	2977.0	2804.6	2611.0	2407.5	2203.6
27.5°	3367.8	3324.1	3339.4	3294.8	3219.2	3105.8	2960.8	2784.3	2582.2	2370.6	2158.1
30°	3337.6	3295.7	3310.1	3266.0	3186.8	3071.1	2919.8	2733.9	2524.6	2302.7	2082.5
32.5°	3283.6	3240.4	3254.8	3212.5	3133.2	3011.7	2860.9	2667.3	2453.9	2225.2	1995.6
35°	3206.2	3166.1	3182.3	3136.4	3054.4	2936.0	2783.0	2588.5	2370.6	2138.3	1904.7
37.5°	3103.5	3065.2	3081.0	3036.4	2961.7	2842.0	2687.6	2491.7	2274.3	2041.1	1809.7
40°	2992.8	2949.6	2961.3	2915.8	2846.5	2724.5	2579.1	2386.4	2166.2	1938.9	1704.8
42.5°	2845.1	2811.3	2826.2	2786.1	2711.0	2595.7	2453.9	2265.3	2056.4	1827.3	1602.2
45°	2689.4	2658.3	2673.1	2634.4	2567.4	2462.9	2318.4	2138.8	1933.5	1714.7	1497.3
47.5°	2525.5	2498.0	2504.3	2473.3	2403.0	2306.7	2171.6	1999.2	1804.3	1597.7	1391.5
50°	2354.0	2325.2	2329.7	2304.9	2241.0	2151.8	2020.4	1864.2	1677.4	1484.7	1281.2
52.5°	2165.8	2146.4	2158.1	2126.2	2066.3	1983.9	1867.3	1717.0	1543.7	1361.8	1179.0
55°	1978.1	1967.7	1975.4	1948.4	1896.1	1817.4	1713.8	1575.2	1418.5	1244.3	1075.5
57.5°	1803.4	1783.1	1794.4	1773.2	1723.7	1651.7	1556.7	1428.0	1283.0	1128.1	976.0
60°	1624.7	1614.3	1617.5	1589.6	1553.6	1487.4	1399.1	1287.5	1152.0	1018.7	872.4
62.5°	1444.2	1429.3	1438.3	1416.3	1377.1	1323.1	1250.1	1146.6	1030.0	904.4	780.2
65°	1270.4	1259.1	1261.4	1243.8	1222.2	1166.4	1096.2	1008.4	904.4	795.0	684.7
67.5°	1096.6	1103.4	1094.4	1078.6	1055.7	1012.4	951.7	873.3	786.0	691.9	592.0
70°	933.7	937.3	933.7	922.9	899.5	870.6	812.6	751.3	670.8	586.1	507.3
72.5°	777.0	786.9	783.3	773.4	752.2	718.9	675.7	624.4	560.0	488.4	423.2
75°	633.4	632.5	640.6	625.3	610.9	579.8	547.4	501.9	452.0	397.5	337.6
77.5°	494.7	496.1	491.1	486.6	474.0	456.5	431.3	390.3	351.6	305.7	260.2
80°	357.9	365.1	364.2	357.4	349.8	334.0	315.6	288.1	253.9	221.5	188.6
82.5°	241.7	253.4	245.8	243.5	238.1	224.6	211.1	190.9	172.0	149.0	122.9
85°	141.4	154.4	148.1	147.2	143.6	132.4	123.8	111.6	95.4	81.5	66.6
87.5°	66.6	82.4	77.0	73.8	70.2	65.3	59.0	52.2	42.8	33.3	23.9
90°	35.1	50.9	43.7	41.9	39.2	35.1	29.3	23.0	16.2	9.9	4.1
92.5°	33.3	49.1	41.4	40.1	36.9	32.4	26.6	20.3	13.5	7.2	2.3
95°	32.4	47.7	40.5	39.2	36.0	31.1	25.7	19.4	12.6	6.8	1.8
97.5°	31.1	45.9	39.2	37.4	34.7	30.2	24.3	18.0	11.7	5.4	1.8
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	0°	1°	5°	15°	25°	35°	45°	55°	65°	75°	85°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1	2488.1
2.5°	2484.1	2474.2	2451.7	2428.2	2409.3	2386.8	2376.5	2361.6	2355.3	2350.4	2345.4
5°	2472.4	2451.7	2408.0	2361.6	2324.3	2286.0	2264.4	2236.9	2222.5	2210.4	2216.7
7.5°	2455.7	2421.5	2355.3	2294.1	2234.2	2180.7	2143.3	2112.7	2090.6	2072.6	2074.0
10°	2431.4	2387.3	2301.3	2219.4	2140.1	2075.8	2028.5	1987.5	1952.4	1943.4	1941.6
12.5°	2399.0	2345.4	2237.8	2137.0	2047.0	1971.3	1906.5	1855.6	1821.4	1805.2	1798.9
15°	2359.4	2295.0	2170.3	2054.2	1948.8	1857.9	1787.2	1730.9	1697.6	1671.5	1673.3
17.5°	2312.1	2239.6	2095.1	1965.5	1850.2	1749.4	1668.4	1612.5	1563.5	1542.3	1538.3
20°	2258.5	2178.0	2020.4	1876.8	1747.1	1640.9	1552.7	1488.3	1440.6	1421.2	1419.9
22.5°	2197.3	2110.9	1938.0	1781.8	1647.6	1529.2	1440.6	1369.0	1325.3	1299.2	1296.5
25°	2129.3	2034.3	1850.2	1686.8	1544.1	1425.3	1331.6	1259.6	1211.9	1191.2	1188.0
26°	2098.7	2004.2	1816.0	1651.7	1505.8	1381.1	1288.4	1217.3	1170.0	1148.4	1144.3
27.5°	2054.6	1951.5	1761.5	1592.3	1443.3	1325.8	1227.6	1158.8	1104.3	1081.3	1077.7
30°	1970.4	1868.2	1668.8	1495.9	1347.4	1225.8	1128.6	1057.5	1011.5	986.8	986.3
32.5°	1881.7	1775.0	1577.4	1399.6	1250.6	1127.7	1035.9	967.0	921.1	896.8	893.1
35°	1791.3	1681.9	1485.6	1307.8	1161.5	1041.3	949.4	882.8	839.6	814.8	815.3
37.5°	1691.3	1585.5	1387.4	1215.0	1074.1	960.7	870.6	805.8	766.6	743.7	742.3
40°	1590.5	1487.8	1294.7	1129.5	990.8	881.0	796.4	736.9	699.1	678.0	675.3
42.5°	1492.8	1388.3	1201.1	1042.6	912.5	808.5	727.9	675.7	637.9	621.7	618.5
45°	1391.9	1294.3	1109.2	961.1	835.5	742.3	668.1	618.1	583.9	568.1	566.3
47.5°	1286.6	1193.9	1028.2	884.6	768.9	679.3	612.2	567.2	536.6	520.9	518.2
50°	1187.6	1102.5	940.4	811.2	703.6	623.5	563.6	520.9	491.6	478.1	475.8
52.5°	1091.7	1007.0	860.3	741.9	643.8	569.5	515.5	475.8	451.1	438.9	438.9
55°	994.4	917.0	783.3	675.3	587.5	518.6	472.2	436.2	413.7	402.9	400.7
57.5°	899.0	829.7	709.5	610.9	533.5	472.7	429.5	399.3	379.5	368.2	366.9
60°	806.3	746.4	637.0	548.8	481.2	428.6	389.9	362.4	344.4	335.8	335.8
62.5°	719.8	663.1	567.2	492.5	429.9	385.8	351.1	326.8	311.5	305.2	303.0
65°	630.7	583.0	502.8	433.1	381.7	343.0	314.2	293.5	280.0	273.7	271.5
67.5°	548.3	508.2	437.6	378.6	334.9	301.2	276.4	259.8	247.1	241.3	242.2
70°	465.5	433.1	372.3	326.4	289.9	259.3	240.4	226.0	217.0	210.2	212.0
72.5°	389.4	358.8	311.5	271.5	241.7	220.6	203.9	191.8	184.1	180.1	181.4
75°	311.5	289.5	253.0	221.5	198.5	182.3	167.0	158.5	152.6	150.4	149.5
77.5°	242.2	223.3	196.7	173.3	156.2	143.6	132.8	127.4	121.5	120.2	120.2
80°	173.3	161.6	140.9	126.9	113.9	105.8	100.4	95.4	93.6	92.3	91.8
82.5°	114.3	104.4	93.6	84.6	77.9	72.9	68.9	68.0	65.7	65.3	65.7
85°	59.9	56.3	50.9	46.8	46.4	44.1	43.7	44.1	43.7	43.2	43.2
87.5°	21.6	19.8	19.8	20.3	21.6	23.0	23.4	25.2	26.1	27.0	27.5
90°	3.2	3.6	5.0	7.2	10.4	13.1	15.8	17.6	18.9	19.8	20.3
92.5°	1.8	1.8	2.3	3.6	6.8	10.4	13.1	15.3	17.1	18.0	18.0
95°	1.8	1.8	1.8	1.8	2.3	4.1	6.3	9.0	11.3	13.1	13.1
97.5°	1.8	1.8	1.8	1.4	1.4	1.4	1.8	4.1	6.8	8.6	9.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1554993
 CATALOG NUMBER: AXCL6A-GRF

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)